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OCT 31 2005

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCEUnder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

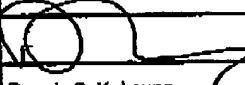
Total Number of Pages In This Submission

Application Number	09/678,783
Filing Date	October 4, 2000
First Named Inventor	Nicholas W. DAWES
Art Unit	2666
Examiner Name	Frank Duong
Attorney Docket Number	SS1P08US-1

19

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____  <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
<small>Remarks</small> The Commissioner is hereby authorized to debit any underpayment or credit any overpayment to the USPTO deposit account no. 16-0600 should any additional fees be necessary.		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	Shapiro Cohen	RECEIVED
Signature		OIPE/IAP
Printed name	Dennis S. K. Leung	NOV 02 2005
Date	October 31, 2005	Reg. No. 47,325

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature	Mary Ellen Schellenberg
Typed or printed name	Mary Ellen Schellenberg (571-273-8300)
Date	October 31, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including the gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments or amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (12-04v2)

Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

**FEE TRANSMITTAL**  
For FY 2005 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

Complete if Known	
Application Number	09/678,783
Filing Date	October 4, 2000
First Named Inventor	Nicholas W. DAWES
Examiner Name	Frank Duong
Art Unit	2666
Attorney Docket No.	551P08US-1

**METHOD OF PAYMENT** (check all that apply) Check  Credit Card  Money Order  None  Other (please identify): Deposit Account Deposit Account Number: 16-0600 Deposit Account Name: Shapiro Cohen

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

 Charge fee(s) indicated below  Charge fee(s) indicated below, except for the filing fee Charge any additional fee(s) or underpayments of fee(s)  Credit any overpayments  
under 37 CFR 1.16 and 1.17

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**Fee DescriptionEach claim over 20 (including Reissues) Fee (\$)  
50 25Each independent claim over 3 (including Reissues) Fee (\$)  
200 100Multiple dependent claims Fee (\$)  
360 180

Total Claims		Extra Claims		Fee (\$)	
- 20 or HP =		X		=	
HP = highest number of total claims paid for, if greater than 20.					
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Fee (\$)	Fee Paid (\$)
- 3 or HP =	X	=			
HP = highest number of independent claims paid for, if greater than 3.					

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)

- 100 - / 50 = (round up to a whole number) X =

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Submission of an Information Disclosure Statement (1806 - 1.17(p)) \$180.00

**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent) 47,325	Telephone (613) 232-5300
Name (Print/Type)	Dennis S. K. Leung		Date October 31, 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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OCT 31 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICERECEIVED  
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Our File : 551P08US-1  
 Application No.: 09/678,783  
 Filed : October 4, 2000  
 Title : METHOD OF DETERMINING THE ROUTE OF PACKETS  
           THROUGH A NETWORK OF COMMUNICATING OBJECTS  
 APPLICANT : Nicholas W. DAWES et al.  
 Art Unit : 2666  
 Examiner : Frank Duong

OCT 31 2005

October 31, 2005

INFORMATION DISCLOSURE STATEMENT  
Under 37 C.F.R. 1.97

Commissioner for Patents  
 U.S. Patent and Trademark Office  
 Customer Window, Mail Stop Amendment  
 Randolph Building  
 410 Dulany Street  
 Arlington, VA 22314  
 U.S.A.

Sir:

Under the provisions of 37 C.F.R. 1.97, including particularly subsections (a) and (e) thereof, and 37 C.F.R. 1.98 including specifically subsection (a) thereof, Applicant calls to the attention of the Examiner the following documents, copies of which are enclosed:

## Foreign Patent Documents

0 716 525                   AT &amp; T

Applicant respectfully requests that these references be entered into the record of this application. The Examiner is requested to initial the appropriate area on the enclosed copy of PTO/SB/08A, thereby indicating consideration by the Examiner of each of these references.

11/02/2005 CCHAU1 00000041 160600 09678783

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-1-

The above reference was cited in an Examiner's Report by the European Patent Office, dated January 21, 2005. As the above reference, EP patent no. 0 716 525, was of knowledge more than three months prior to this submission and was not filed prior to receipt of the Office Action dated August 22, 2005, please deduct \$180.00 from our firm's deposit account no. 16-0600, in accordance with §1.17(p) of the Patent Act.

A response to the Office Action dated August 22, 2005 has been filed today under separate cover.

Applicant respectfully submits that the present claims are patentable over the references identified herein, and requests timely and favourable examination of this application.

The Commissioner is hereby authorized to debit any underpayment or credit any overpayment to the USPTO deposit account no. 16-0600 should any additional fees be necessary.

Respectfully submitted,

Dennis S.K. Leung  
Reg. No. 47 325

Oct 31/05

Date

SHAPIRO COHEN  
P.O. Box 3440, Station "D"  
Ottawa, ON K1P 6P1  
CANADA

Tel.: (613) 232-5300

/DSKL/NR/ms  
Enclosures

PTO/SB/08A (07-05)

Approved for use through 07/31/2005. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for Form 1449/PTO

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	09/678,783
Filing Date	October 4, 2000
First Named Inventor	Nicholas W. DAWES
Art Unit	2666
Examiner Name	Frank Duong
Attorney Docket Number	551P08US-1

**U. S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

**Examiner Signature** \_\_\_\_\_ **Date Considered** \_\_\_\_\_

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). \*See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. \*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \*Applicant is to place a check mark here if English language Translation is attached.

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